Replacement Sheet For

Title: 'SUPER RESOLUTION INFORMATION STORAGE MEDIUM AND METHOD OF PREVENTING
THE SAME FROM DETERIORATION

Inventors: Hyun-Ki KIM, et al.
Ref: PCT/KR2004/003170 Filed December 3, 2004
U.S. Filing date: June 5, 2006
Docket No.: 0001.1202

FIG. 1A

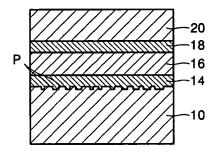


FIG. 1B

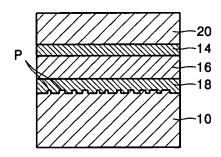
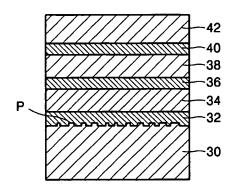


FIG. 2



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### FIG. 3A

SUBSTRATE (1.1mm)

Ge-Sb-Te (33nm)

ZnS-SiO₂ (25nm)

PtOx (3.5nm)

ZnS-SiO₂ (50nm)

## FIG. 3B

SUBSTRATE (1.1mm)

ZnS-SiO<sub>2</sub> (25nm)

Ge-Sb-Te (33nm)

ZnS-SiO₂ (25nm)

PtOx (3.5nm)

ZnS-SiO<sub>2</sub> (50nm)

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FIG. 4A



FIG. 4B



FIG. 4C



FIG. 4D



FIG. 4E



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FIG. 5B



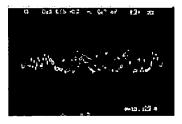
FIG. 5C



FIG. 5D



FIG. 5E



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FIG. 6

